



ALAMEDA POINT
ALAMEDA, CALIFORNIA



Remedial Investigation/Feasibility Study Report for IR Sites 14 and 15

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SITE DESCRIPTION

- 1 1943-1956 DISPOSAL AREA
- 2 WEST BEACH LANDFILL AND ASSOCIATED WETLANDS
- 3 ABANDONED FUEL STORAGE AREA
- 4 BUILDING 360 (AIRCRAFT ENGINE FACILITY)
- 5 BUILDING 5 (AIRCRAFT REWORK FACILITY)
- 6 BUILDING 41 (AIRCRAFT INTERMEDIATE MAINTENANCE FACILITY)
- 7 BUILDING 469 (NAVY EXCHANGE SERVICE STATION)
- 8 BUILDING 114 (PESTICIDE STORAGE AREA)
- 9 BUILDING 410 (PAINT STRIPPING FACILITY)
- 10 BUILDING 400 (MISSILE REWORK OPERATIONS)
- 11 BUILDING 14 (ENGINE TEST CELL)
- 12 BUILDING 10 (POWER PLANT)
- 13 FORMER OIL REFINERY
- 14 FORMER FIRE TRAINING AREA
- 15 BUILDINGS 301 AND 389 (FORMER TRANSFORMER STORAGE AREA)
- 16 C-2 CANS AREA (SHIPPING CONTAINER STORAGE)
- 17 SEAPLANE LAGOON
- 19 YARD D-13 (HAZARDOUS WASTE STORAGE)
- 20 OAKLAND INNER HARBOR
- 21 BUILDING 162 (SHIP FITTING AND ENGINE REPAIR)
- 22 BUILDING 547 (FORMER SERVICE STATION)
- 23 BUILDING 530 (MISSILE REWORK OPERATIONS)
- 24 PIER 1 AND 2 SEDIMENTS
- 25 ESTUARY PARK AND THE COAST GUARD HOUSING AREA
- 26 WESTERN HANGAR ZONE
- 27 DOCK ZONE
- 28 TODD SHIPYARD
- 29 SKEET RANGE

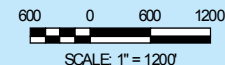
LEGEND

BOUNDARIES

- ECP CATEGORY 7 (BUFFER ZONE)
- ENVIRONMENTAL BASELINE SURVEY PARCEL
- IR SITE BOUNDARY
- OPERABLE UNIT 1
- OPERABLE UNIT 2A
- OPERABLE UNIT 2B
- OPERABLE UNIT 2C
- OPERABLE UNIT 3
- OPERABLE UNIT 4A
- OPERABLE UNIT 4B
- OPERABLE UNIT 4C
- OPERABLE UNIT 5
- OPERABLE UNIT 6

SITE FEATURES

- LAND COVER



OPERABLE UNITS, INSTALLATION RESTORATION SITES, AND BUFFER ZONES

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FEBRUARY 9, 2001





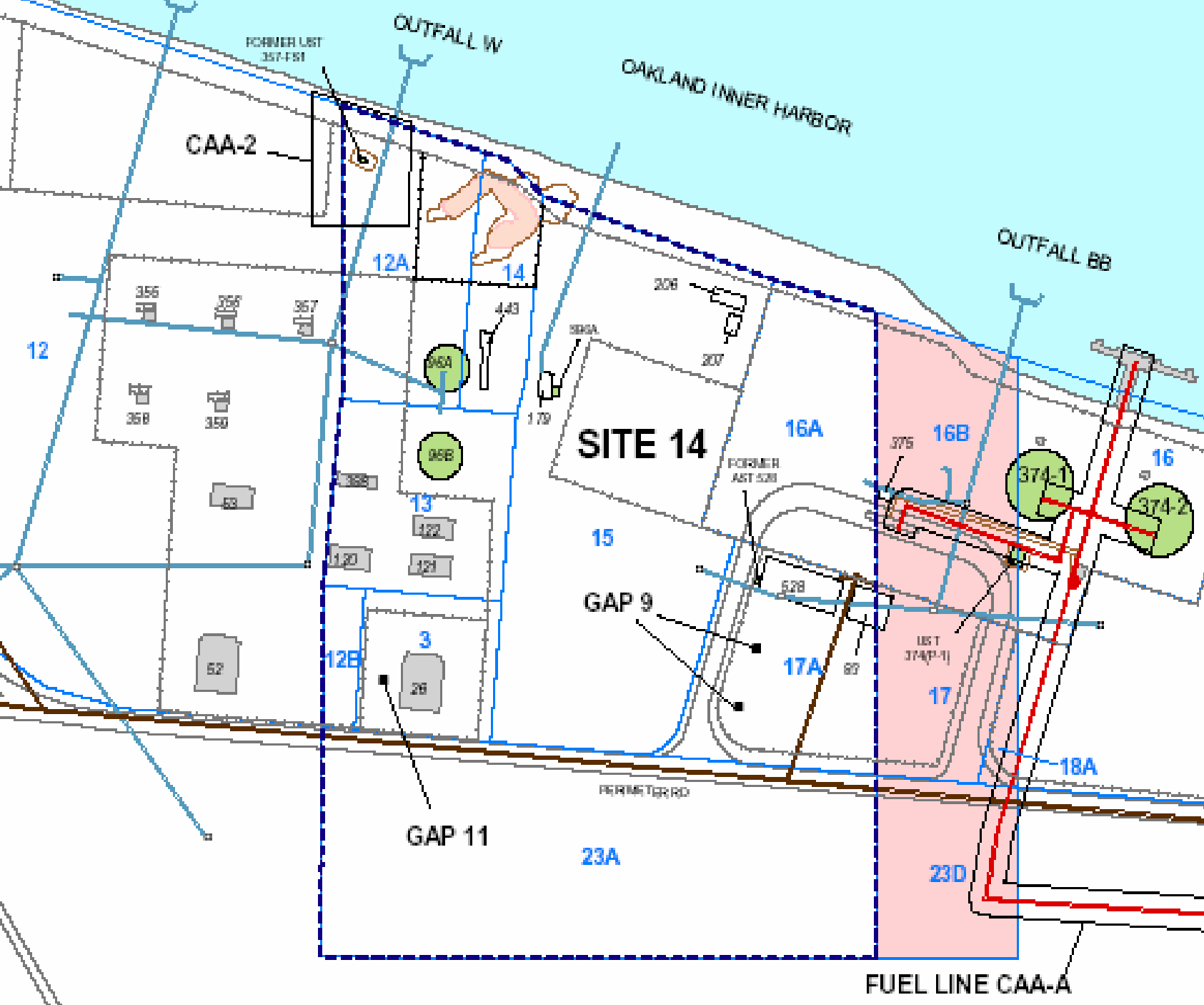
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Site 14 – Former Fire Training Area

- Fire training school through 1987
- Burning of waste fuel occurred within bermed area, unburned fuel captured in sump
- Building 528 (maintenance shop)
- CAA-2
- GAP 9
- GAP 11



LEGEND

- CATCH BASIN
- GENERATOR ACCIDENT POINT (GAP)
- CERCLA SITE BOUNDARY
- FENCE LINE
- FUEL LINE
- SANITARY SEWER
- STORM SEWER
- CORRECTIVE ACTION
- BUFFER ZONE
- ENVIRONMENTAL SURVEY PARCEL
- STORAGE TANK
- EXCAVATION
- FORMER FIRE FIGHTING AREA
- BUILDING (PRESENT)
- BUILDING (FORMER)
- LAND COVER
- OPEN WATER

NOTES

- AST: ABOVEGROUND STORAGE TANK
- CERCLA: COMPREHENSIVE RESPONSE, COMPENSATION AND LIABILITY ACT
- UST: UNDERGROUND STORAGE TANK

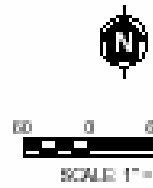


FIGURE 2- SITE 14

ALAMEDA POLICE DEPARTMENT
ALAMEDA, CALIFORNIA



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Current Status – Site 14

- CAA-2 – recommending no further action under the TPH Program
- TPH is not a chemical of concern
- Removal Action for dioxins in berm/sump area completed. No further action is recommended.
- No significant risk from soil.
- Groundwater is recommended for remedial action. 1,1-dichloroethane (DCA), 1,2-dichloroethene (DCE), trichloroethene (TCE), and vinyl chloride (VC) exceed the MCL



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Site 15 – Former Transformer Storage Area

- Area used for storage of electrical equipment, oil-filled transformers, and machinery
- A non-time critical removal action was conducted in 1995 to excavate surface soil contaminated with PCBs and lead.
- Analytical data from additional soil sampling conducted in 2001 as part of the Data Gap Sampling event failed to verify significant lead and PCB concentrations. As a result, a planned removal action was canceled by the BCT.



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Current Status – Site 15

- Removal Action for lead and PCBs is complete – no further action
- No significant soil or groundwater risk
- Entire site recommended for no further action



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Site 14 Feasibility Study

Remedial Action Objective: Prevent human ingestion of groundwater containing VOCs at concentrations above the state MCLs.



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General Response Actions

No Action

No remedial measures will be taken at the site

Land Use Controls

Non-engineered instruments such as administrative and/or legal controls that minimize the potential for human exposure to contamination by limiting land or resource use

Active Remediation

Engineering technologies that minimize or eliminate the potential exposure of human and ecological receptors to contamination by reducing contaminant toxicity, volume, or mobility through treatment or containment



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Schedule

**Draft Remedial Investigation
Report**

August 15, 2002

Draft Feasibility Study Report

October 15, 2002

Draft Proposed Plan

March 15, 2003

Draft ROD

September 30, 2003